

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 3280036		19661018	US 1961-139784	19610921 <--

AB Division of U.S. 3,094,429. Electrostatic latent images formed on dielec. coated elec. conductive substrates are developed with porous ceramic particles 20-120 μ in diameter colored with day. Printing in 2 colors simultaneously, or sequentially, is done by laying down patterns with 2 different charge ds. on the dielec. surface. Then particles 90-120 μ diameter dyed one color will be attracted to the higher charge of the 1st image, and particles 20-60 μ diameter dyed another color will be attracted to the lower charge ds. of the 2nd electrostatic image. E.g., a suitable developer powder may be prepared from fluid clay cracking catalyst particles 1000, in a bath containing dye 10, LiCl 11, glycerol 50, and H₂O 900 g., by mixing into a paste at 200°F. The hygroscopic properties of LiCl make the individual particles elec. conductive. After drying in an oven, the developer particles are ready for use.

=> d hist

(FILE 'HOME' ENTERED AT 20:45:08 ON 21 JUN 2008)

FILE 'MEDLINE, CAPLUS, BIOSIS' ENTERED AT 20:45:43 ON 21 JUN 2008

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L1      689 S (DEPOSITION) AND (MICRO? OR NANO?) AND (SUBSTRATE?) AND (ELEC
L2      292 S L1 AND PY<=2003
L3      15 S (ELECTROSTAT?(W)PATTERN?) AND (SUBSTRATE?)
L4      3491 S SUBSTRATE AND CONDUCTIVE AND DIELECTRIC AND PATTERN?
L5      1229 S (ELECTROSTAT?) AND (PATTERN?) AND (SUBSTRATE?)
L6      704 S L5 AND PY<=2003
L7      82 S L6 AND (DIELECTRIC)
L8      79 DUP REM L7 (3 DUPLICATES REMOVED)
L9      13 DUP REM L3 (2 DUPLICATES REMOVED)

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=> d hist full

(FILE 'HOME' ENTERED AT 20:45:08 ON 21 JUN 2008)

FILE 'MEDLINE, CAPLUS, BIOSIS' ENTERED AT 20:45:43 ON 21 JUN 2008

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L1      689 SEA ABB=ON PLU=ON (DEPOSITION) AND (MICRO? OR NANO?) AND
      (SUBSTRATE?) AND (ELECTROSTATIC?)
L2      292 SEA ABB=ON PLU=ON L1 AND PY<=2003
L3      15 SEA ABB=ON PLU=ON (ELECTROSTAT?(W) PATTERN?) AND (SUBSTRATE?)
L4      3491 SEA ABB=ON PLU=ON SUBSTRATE AND CONDUCTIVE AND DIELECTRIC
      AND PATTERN?
L5      1229 SEA ABB=ON PLU=ON (ELECTROSTAT?) AND (PATTERN?) AND (SUBSTRAT
      E?)
L6      704 SEA ABB=ON PLU=ON L5 AND PY<=2003
L7      82 SEA ABB=ON PLU=ON L6 AND (DIELECTRIC)
L8      79 DUP REM L7 (3 DUPLICATES REMOVED)
L9      13 DUP REM L3 (2 DUPLICATES REMOVED)
      D L9 TI 1-13
      D L9 IBIB ABS 1-3,10-12
      D L8 TI 1-15
      D L8 TI 16-30
      D L8 TI 31-45
      D L8 TI 46-60
      D L8 TI 61-75
      D L8 TI 76-79
      D L8 IBIB ABS 6,10,20,40,46,53,71,78

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FILE HOME

FILE MEDLINE

FILE LAST UPDATED: 21 Jun 2008 (20080621/UP). FILE COVERS 1949 TO DATE.

MEDLINE has been updated with the National Library of Medicine's revised 2008 MeSH terms. See HELP RLOAD for details.

This file contains CAS Registry Numbers for easy and accurate substance identification.

See HELP RANGE before carrying out any RANGE search.

FILE CAPLUS

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FILE COVERS 1907 - 21 Jun 2008 VOL 148 ISS 26

FILE LAST UPDATED: 20 Jun 2008 (20080620/ED)

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FILE COVERS 1926 TO DATE.

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RECORDS LAST ADDED: 18 June 2008 (20080618/ED)

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SINCE FILE	TOTAL
ENTRY	SESSION
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